## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Robert M. Hilton and Sabran Bin Samsuri

Assignees:

Celerity Research Pte. Ltd. and ASE Electronics (M) Sdn. Bhd.

Title:

Flip-Chip Package With Underfill Dam For Stress Control

Serial No.:

Not assigned yet

Filing Date:

March 29, 2004

Examiner:

Not assigned yet

Group Art Unit:

Not assigned yet

Docket No.:

MTB001US1D

San Jose, California March 29, 2004

Mail Stop Patent Application COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT UNDER CFR § 1.97(b)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, Applicants call to the attention of the Examiner the documents listed on the attached substitute PTO Form-1449A.

Copies of the listed documents, other than those documents marked with an asterisk adjacent the cite no. in the substitute PTO Form-1449A, are enclosed. The documents marked with an asterisk were cited or submitted in U.S. Patent Application No. 09/683,303, filed on December 11, 2001, which the present application relies on for an earlier effective filing date under 35 U.S.C. 120.

Citation of the above documents shall not be construed as:

- 1. an admission that the documents are necessarily prior art with respect to the instant invention;
  - 2. a representation that a search has been made; or
- 3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

THE PATENT LAW OFFICES OF DAVID MILLERS

6560 ASHFIELD COURT SAN JOSE, CA 95120 (408) 927-6700 FAX (408) 927-6701 No fee is believed required for submission of this information disclosure statement. However, the Commissioner is hereby authorized to charge any fees that may be required for consideration of this information disclosure statement to Deposit Account No. 50-1767.

EXPRESS MAIL LABEL NO.

ER 833 867 078 US

Respectfully submitted,

**David Millers** 

Attorney for Applicants

Reg. No. 37,396

THE PATENT LAW OFFICES
OF
DAVID MILLERS

6560 ASHFIELD COURT SAN JOSE, CA 95120 (408) 927-6700 FAX (408) 927-6701

Approved for use through 10/31/99. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

		 		_
Sheet	1	of	2	

Application Number	Not assigned yet	<u> </u>
Filing Date	March 29, 2004	
First Named Inventor	Robert M. Hilton	_
Group Art Unit	Not assigned yet	
Examiner Name	Not assigned yet	
Attorney Docket Number	MTB001US1D	

U.S. PATENT DOCUMENTS								
Examiner Cite No.1		U.S. Patent Document  Kind Code <sup>2</sup> (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear		
	*1	6,555,906	B2	04-29-2003	Towle et al.	ALL		
	*2	6,472,598	B1	10-29-2002	Glenn	ALL		
	*3	6,359,335	B1	03-19-2002	Distefano et al.	ALL		
	*4	6,248,951	B1 ·	06-19-2001	Murali et al.	ALL		
	*5	6,197,614	B1	03-06-2001	Ho	ALL		
	*6	6,071,761		06-06-2000	Jacobs	ALL		
	*7	6,049,094		04-11-2000	Penry	ALL		
	*8	6,046,077		04-04-2000	Baba	ALL		
	*9	5,963,429		10-05-1999	Chen	ALL		
	*10	5,909,056		06-01-1999	Mertol	ALL		
	*11	5,895,965		04-20-1999	Tanaka et al.	ALL		
	*12	5,834,835		11-10-1998	Maekawa	ALL		
	*13	5,831,832		11-03-1998	Gillette et al.	ALL		
	*14	5,808,873		09-15-1998	Celaya et al.	ALL		
	*15	5,766,982		06-16-1998	Akram et al.	ALL		
	*16	5,739,585		04-14-1998	Akram et al.	ALL		
	*17	5,674,785		10-07-1997	Akram et al.	ALL		
	*18	5,646,828		07-08-1997	Degani et al.	ALL		
•	*19	5,583,378		12-10-1996	Marrs et al.	ALL		
	*20	5,541,450		07-30-1996	Jones et al.	ALL		

FOREIGN PATENT DOCUMENTS										
Examiner Cite No.1		I Unice Number		VIII - 5 Or A		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>		
	*21	JP	63-62362		Inaba	03-18-1998	ALL			
	*22	JP	2-260650		Kinoshita	10-23-1990	ALL			
	*23	JP	11-354554		Watanabe	12-24-1999	ALL			
-										
		i	L			l l	1			

Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	e for form 1449A/PT(	0	<u>-</u>	Complete if Known				
				Application Number	Not assigned yet			
INFORMATION DISCLOSURE		Filing Date	March 29, 2004					
STA	TEMENT B	YA	PPLICANT	First Named Inventor Robert M. Hilton				
				Group Art Unit	Not assigned yet			
	(use as many she	eets as	necessary)	Examiner Name	James Mitchell			
Sheet	2	of	2	Attorney Docket Number	MTB001US1D			

	U.S. PATENT DOCUMENTS									
Examiner Cite No.1	Number Kind C	U.S. Patent Document  Number Kind Code <sup>2</sup> of Cited Document  (if known)		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appear					
	*24	5,450,283	Lin et al.		09-12-1995	ALL				
	*25	5,336,931		Juskey et al.	08-09-1994	ALL				
	*26	5,120,678		Moore	06-09-1992	ALL				
	*27	2003/0038381	A1	Bolken	02-27-2003	ALL				
	<u> </u>	1								

FOREIGN PATENT DOCUMENTS									
Examiner Cite No.1	For	eign Patent Do	ocument	Name of Patentee	Date of Publication of	Pages, Columns, Lines,			
	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>		
		<u> </u>							
							-		
		-			-				
	-	<del></del>	-			-	-		
		1	<b></b>						

Examiner Signature	Date Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark hee if English language Translation is attached.